

CLAIMS

1. A program-guide-display controlling apparatus for displaying a plurality of program guides on a display unit in a matrix form by using one of the ordinate and the abscissa as a channel number axis and another one as a time axis, comprising:

means for displaying to discriminate a time ^{period} zone based on designation by a user.

2. A program-guide-display controlling apparatus for displaying a plurality of program guides on a display unit in a matrix form by using one of the ordinate and the abscissa as a channel number axis and another one as a time axis, comprising:

means for displaying to discriminate a time ^{period} zone in which a purchased program is present and a time ^{period} zone in which the purchased program is not present.

3. A program-guide-display controlling apparatus for displaying a plurality of program guides on a display unit in a matrix form by using one of the ordinate and the abscissa as a channel number axis and another one as a time axis, comprising:

means for displaying in different colors a program guide belonging to a time ^{period} zone in which a purchased program is present and a time ^{period} zone in which the purchased program is not present among program guides displayed on said display unit.

4. A program-guide-display controlling apparatus

for displaying some program guides of all program guides on a display unit in a matrix form by using one of the ordinate and the abscissa as a channel number axis and another one as a time axis, comprising:

means for displaying such that, if a program guide concerning a program which has been purchased is included in each of the program guides displayed on said display unit, that program guide can be discriminated from a program guide concerning a program which has not been purchased; and

means for displaying a mark indicating a direction of the channel axis and a direction in which a channel of a purchased program is present in a region corresponding to said time ^{period} ~~zone~~ in a display region of said display unit if a time ^{period} ~~zone~~ in which a purchased program is present is included in the time ^{period} ~~zone~~ of a program guide displayed on said display unit, and the purchased program guide is not displayed on said display unit.

5. A program-guide-display controlling apparatus for displaying a plurality of items of program guide information on a display unit in a matrix form by using one of the ordinate and the abscissa as a channel number axis and another one as a time axis, comprising:

means for displaying a bar if a time ^{period} ~~zone~~ in which a purchased program is present is included in the time ^{period} ~~zone~~ of a program guide displayed on said display unit, said bar being displayed in a region corresponding to said time ^{period} ~~zone~~ in a

10 display region of said display unit.

Sub E4
1 6. A program-guide-display controlling apparatus
2 for displaying a plurality of program guides on a display unit
3 in a matrix form by using one of the ordinate and the abscissa
4 as a channel number axis and another one as a time axis,
5 comprising:

B 6 setting means for allowing an arbitrary time ^{period} ~~zone~~ to be
7 set by a user; and

8 discriminatingly displaying means for effecting display
9 to discriminate the time ^{period} ~~zone~~ set by the user and other time
10 ^{periods} ~~zones~~.

1 7. The program-guide-display controlling apparatus
2 according to claim 6, wherein said discriminatingly displaying
3 means causes a region corresponding to the time ^{period} ~~zone~~ set by the
4 user and a region corresponding to the other time ^{periods} ~~zones~~ to be
5 displayed in different colors in a display region in which the
6 plurality of program guides are displayed.

1 8. The program-guide-display controlling apparatus
2 according to claim 6 or 7, wherein said setting means allows
B 3 the starting time and the ending time of an arbitrary time ^{period} ~~zone~~
4 to be set by the user.

1 9. The program-guide-display controlling apparatus
2 according to claim 6 or 7, wherein setting means allows the
B 3 starting time and the ending time of an arbitrary time ^{period} ~~zone~~ to
4 be set for each day of the week by the user.

Sub A1
1 10. A television receiver provided with the

- 2 program-guide-display controlling apparatus according to any
3 one of claims 1, 2, and 6.

ADD A.

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